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(54) Title of the invention : METHOD OF STAINING PROTEINS IN NATIVE POLYACRYLAMIDE GEL USING BETALAINS IN BEETROOT EXTRACT

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(57) Abstract :

The present invention generally relates to staining of proteins. Specifically, the present invention relates to a method of staining proteins in native polyacrylamide gel using the staining composition comprising betalains in beetroot extract. The method of present invention is cost effective, eco-friendly and time-efficient method for detection of proteins in native polyacrylamide gels by using betalains present in beetroot extract. In spite of using betalains from natural source as stain-ing component, the method is reproducible.

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